

ANALYTICA CHIMICA ACTA, VOL. 286 (1993)

AUTHOR INDEX

- Acheson, R., see Laskowski, J.J. 9
 Adams, F.C., see Łobiński, R. 381
 Adams, F.C., see Dirkx, W.M.R. 309
 Adams, J.M., see Elton, N.J. 37
 Alzaga, R., see Dachs, J. 319
 Anglov, T., see Dyg, S. 273
 Auxier, J.A., see Wu, M. 155
- Ballschmiter, K., see Morosini, M. 451
 Barceló, D., see Honing, M. 457
 Barker, J., see Renault, J. 129
 Bayona, J.M., see Dachs, J. 319
 Beckers, M.L.M., see Lucasius, C.B. 135
 Beemsterboer, B., see Van Raaphorst, J.G. 291
 Belin, C., see Martin, F.M. 343
 Benson, R., see Fairman, B. 401
 Blount, A.M.
 — and Carr, F.P.
 Determining a viable x-ray diffraction technique for routine quantification of the quartz content of powdered carbonates 117
 Brinkman, U.A.Th., see Stäb, J.A. 335
 Brinkman, U.A.Th., see Honing, M. 457
 Brown, A.A.
 —, Ebdon, L. and Hill, S.J.
 Development of a coupled liquid chromatography-isotope dilution inductively coupled plasma mass spectrometry method for lead speciation 391
- Cámara, C., see Cobo, M.G. 371
 Cámara, C., see Olivas, R.M. 357
 Caricchia, A.M.
 —, Chiavarini, S., Cremisini, C., Morabito, R. and Scerbo, R.
 Influence of storage conditions on the determination of organotin in mussels 329
 Carr, F.P., see Blount, A.M. 117
 Cerdà, V., see Cladera, A. 253
 Chen, B., see Gao, Z. 213
 Chiavarini, S., see Caricchia, A.M. 329
 Chisholm, J.E.
 Determination of cristobalite in respirable airborne dust using x-ray diffraction 87
 Christensen, J.M., see Dyg, S. 273
 Cladera, A.
 —, Tomás, C., Estela, J.M. and Cerdà, V.
 New methodology for calculation of acid-base dissociation constants of monoprotic and diprotic acids with close pK values from absorptiometric data and pH measurements 253
- Cobo, M.G.
 —, Palacios, M.A., Cámara, C., Reis, F. and Quevauviller, Ph.
 Effect of physicochemical parameters on trace inorganic selenium stability 371
 Cofino, W.P., see Stäb, J.A. 335
 Cornelis, R., see Dyg, S. 297
 Cremisini, C., see Caricchia, A.M. 329
- Dachs, J.
 —, Alzaga, R., Bayona, J.M. and Quevauviller, P.
 Development of a supercritical fluid extraction procedure for tributyltin determination in sediments 319
 Dähne, S., see Hoffmann, K. 241
 Davidson, C.M., see Thomas, R.P. 423
 Deurloo, P.A., see Van Raaphorst, J.G. 291
 DiCarlo, L., see Morgan, L.E. 81
 Dirkx, W.M.R.
 —, Łobiński, R. and Adams, F.C.
 Speciation analysis of organotin in water and sediments by gas chromatography with optical spectrometric detection after extraction separation 309
 Dirkx, W.M.R., see Łobiński, R. 381
 Donard, O.F.X., see Martin, F.M. 343
 Donard, O.F.X., see Olivas, R.M. 357
 Dyg, S.
 —, Anglov, T. and Christensen, J.M.
 Preparation of filters loaded with welding dust. A homogeneity and stability study of hexavalent chromium 273
 —, Cornelis, R., Griepink, B. and Quevauviller, P.
 Development and interlaboratory testing of aqueous and lyophilized Cr(III) and Cr(VI) reference materials 297
- Ebdon, L., see Brown, A.A. 391
 Echarrí, I., see Wells, D.E. 431
 Echols, R.T.
 — and Tyson, J.F.
 Comparison of mixing devices for flow-injection determinations based on doublet peak formation 169
- Elton, N.J.
 — and Salt, P.D.
 Determination of low levels of quartz in calcium carbonates by x-ray diffractometry 57
 —, Salt, P.D. and Adams, J.M.
 Determination of quartz in kaolins by x-ray powder diffractometry 37

- Elzea, J.M.
—, Odom, I.E. and Miles, W.J.
Distinguishing well ordered opal-CT and opal-C from high temperature cristobalite by x-ray diffraction 107
- Estela, J.M., see Cladera, A. 253
- Fairman, B.
—, Sanz-Medel, A., Gallego, M., Quintela, M.J., Jones, P. and Benson, R.
Method comparison for the determination of labile aluminium species in natural waters 401
- Forder, S.D., see Laskowski, J.J. 9
- Gallego, M., see Fairman, B. 401
- Gao, Z.
—, Zi, M. and Chen, B.
Permeability controllable overoxidised polypyrrole film modified glassy carbon electrodes 213
- Ghijsen, R.T., see Honing, M. 457
- Gray, R., see Laskowski, J.J. 9
- Griepink, B., see Dyg, S. 297
- Gündüz, T.
— and Taştekin, M.
Titrations in non-aqueous media: Conductimetric and spectrophotometric investigation of reactions between iodine and aliphatic amines in acetonitrile 247
- Hamilton, R.D., see Miles, W.J. 3
- Haremaker, H.M., see Van Raaphorst, J.G. 291
- Hashimot, K.
—, Ito, K. and Ishimori, Y.
Novel DNA sensor for electrochemical gene detection 219
- Heumann, K.G., see Nusko, R. 283
- Hieftje, G.M., see Wu, M. 155
- Hill, S.J., see Brown, A.A. 391
- Hoffmann, K.
—, Stahl, U. and Dähne, S.
Fluorescence lifetimes of metal(III) chelates of 5-sulphoquinolin-8-ol and their modification by the internal heavy atom effect 241
- Honing, M.
—, Barceló, D., Ghijsen, R.T. and Brinkman, U.A.Th.
Optimisation of the liquid chromatographic separation of pirimicarb and its metabolites V-VII: application to a soil sample used as a candidate reference material 457
- Hübner, U., see Scheller, U. 179
- In 't Veld, P.H., see Janning, B. 469
- Isawa, M., see Nomura, T. 205
- Ishimori, Y., see Hashimot, K. 219
- Ito, K., see Hashimot, K. 219
- Janning, B.
— and in 't Veld, P.H.
Susceptibility of bacterial strains to desiccation: a simple method to test their stability in microbiological reference materials 469
- Jones, P., see Fairman, B. 401
- Kateman, G., see Lucasius, C.B. 135
- Kowalczyk, G.
— and Roberts, J.E.
Solid state ^{29}Si NMR determination of crystalline silica in natural iron oxide pigments 25
- Kretzmer, G., see Scheller, U. 179
- Laskowski, J.J.
—, Young, J., Gray, R., Acheson, R. and Forder, S.D.
The identity, development and quantification of phases in devitrified, commercial-grade, aluminosilicate, refractory ceramic fibres: an x-ray powder diffractometry study 9
- Littlejohn, D., see Thomas, R.P. 423
- Lobiński, R.
—, Dirks, W.M.R., Szpunar-Lobińska, J. and Adams, F.C.
Speciation analysis of organolead compounds by gas chromatography with atomic spectrometric detection. Review 381
- Lobiński, R., see Dirks, W.M.R. 309
- López-Sánchez, J.F., see Thomas, R.P. 423
- Lucasius, C.B.
—, Beckers, M.L.M. and Kateman, G.
Genetic algorithms in wavelength selection: a comparative study 135
- Lunar, M.L.
—, Rubio, S. and Pérez-Bendito, D.
Hexadecylpyridinium chloride micelles for the kinetic determination of sulphur-containing compounds by their induction of the iodine-azide reaction 233
- Madrid, Y., see Wu, M. 155
- Maleki, N., see Pakniat, M. 225
- Martin, F.M.
—, Tseng, C.-M., Belin, C., Quevauviller, P. and Donard, O.F.X.
Interferences generated by organic and inorganic compounds during organotin speciation using hydride generation coupled with cryogenic trapping, gas chromatographic separation and detection by atomic absorption spectrometry 343
- Martins, E.
— and Urch, D.S.
Progress towards an x-ray emission method for the speciation of sulphur in coal using S K_{β} emission 411
- Matsuzawa, H., see Nomura, T. 205
- McKee, C., see Renault, J. 129
- Miles, W.J.
— and Hamilton, R.D.
Chemical methods of analysis for crystalline silica. A critical literature review 3
- Miles, W.J.
Crystalline silica analysis of Wyoming bentonite by x-ray diffraction after phosphoric acid digestion 97
- Miles, W.J., see Elzea, J.M. 107
- Morabito, R., see Caricchia, A.M. 329

- Morgan, L.E.
— and DiCarlo, L.
Quantitative determination of respirable quartz in bulk samples of organoclay by combined air classification/x-ray diffraction 81
- Morosini, M.
— and Ballschmiter, K.
2,4,6-Trichlorophenyl alkyl ethers as retention index markers in capillary gas chromatography with electron-capture and mass spectrometric detection 451
- Nomura, T.
—, Isawa, M., Matsuzawa, H. and Shibukawa, Y.
Adsorption of metal ions from solutions on the quartz plate of an electrode-separated piezoelectric quartz crystal 205
- Nusko, R.
— and Heumann, K.G.
Chromium speciation with isotope dilution mass spectrometry 283
- Odom, I.E., see Elzea, J.M. 107
- Olivas, R.M.
—, Donard, O.F.X., Cámara, C. and Quevauviller, P.
Analytical techniques applied to the speciation of selenium in environmental matrices. Review 357
- Pakniat, M.
—, Maleki, N. and Safavi, A.
Construction and design of a gas-sensing detector capable of handling and determining sulphur- and phosphorus-containing gaseous samples 225
- Palacios, M.A., see Cobo, M.G. 371
- Pérez-Bendito, D., see Lunar, M.L. 233
- Qin, Y.
— and Yang, J.
Synthesis of bithiacrown ethers and their liquid-liquid extraction of copper(I) 265
- Quevauviller, P., see Dachs, J. 319
- Quevauviller, P., see Dyg, S. 297
- Quevauviller, P., see Martin, F.M. 343
- Quevauviller, P., see Olivas, R.M. 357
- Quevauviller, Ph., see Cobo, M.G. 371
- Quintela, M.J., see Fairman, B. 401
- Rauret, G., see Thomas, R.P. 423
- Reis, F., see Cobo, M.G. 371
- Ren, K.
Piezoelectric sensor sensitive to nitrobenzene based on a cyclohexanone-formaldehyde coating 197
- Renault, J.
—, McKee, C. and Barker, J.
New x-ray diffraction method of additions for crystalline silica 129
- Riley, W.E., see Salter, T.L. 49
- Roberts, J.E., see Kowalczyk, G. 25
- Rubio, R., see Thomas, R.P. 423
- Rubio, S., see Lunar, M.L. 233
- Safavi, A., see Pakniat, M. 225
- Salt, P.D., see Elton, N.J. 37, 57
- Salter, T.L.
— and Riley, W.E.
Quartz determination in kaolin at the 0.1% level 49
- Sanz-Medel, A., see Fairman, B. 401
- Scerbo, R., see Caricchia, A.M. 329
- Scheller, U.
—, Siedenberg, D., Hübner, U., Siebold, M., Kretzmer, G. and Schügerl, K.
Ion chromatography for monitoring biotechnological processes. Part II. Applications for industrial cultivation media 179
- Schügerl, K., see Scheller, U. 179
- Sheffield, G.S.
Quantitative measurement of crystalline silica by thermal analysis 125
- Shibukawa, Y., see Nomura, T. 205
- Siebold, M., see Scheller, U. 179
- Siedenberg, D., see Scheller, U. 179
- Stäb, J.A.
—, Cofino, W.P., Van Hattum, B. and Brinkman, U.A.Th.
Assessment of transport routes of triphenyltin used in potato culture in the Netherlands 335
- Stahl, U., see Hoffmann, K. 241
- Stopford, W.
Carbonate fusion to determine quartz in respirable and bulk earth samples 67
- Sucman, E., see Wang, J. 189
- Szpunar-Lobińska, J., see Lobiński, R. 381
- Taştekin, M., see Gündüz, T. 247
- Thomas, R.P.
—, Ure, A.M., Davidson, C.M., Littlejohn, D., Rauret, G., Rubio, R. and López-Sánchez, J.F.
Three-stage sequential extraction procedure for the determination of metals in river sediments 423
- Tian, B., see Wang, J. 189
- Tomaino, G.P.
Quantitative determination of quartz in calcite, dolomite, and talc by powder x-ray diffraction analysis 75
- Tomás, C., see Cladera, A. 253
- Tseng, C.-M., see Martin, F.M. 343
- Tyson, J.F., see Echols, R.T. 169
- Urch, D.S., see Martins, E. 411
- Ure, A.M., see Thomas, R.P. 423
- Van Hattum, B., see Stäb, J.A. 335
- Van Raaphorst, J.G.
—, Haremaker, H.M., Deurloo, P.A. and Beemsterboer, B.
Accurate and precise determination of chromium by isotope dilution mass spectrometry in some environmental materials 291

Wang, J.

—, Sucman, E. and Tian, B.

Stripping potentiometric measurements of copper in blood using gold microelectrodes 189

Wells, D.E.

— and Echarri, I.

Determination of chlorobiphenyls, with the separation of non-*ortho*, mono-*ortho* and di-*ortho* chloro congeners in fish and sea mammals 431

Wu, M.

—, Madrid, Y., Auxier, J.A. and Hieftje, G.M.

New spray chamber for use in flow-injection plasma emission spectrometry 155

Yang, J., see Qin, Y. 265

Young, J., see Laskowski, J.J. 9

Zi, M., see Gao, Z. 213

